

What is claimed is:

1. A level capable of fine inclination measurement, comprising:

a stick member having a given length and a cross section of a + shape;

a base member having a given width at one side of a curved portion of the
5 stick member and a through hole of a given diameter passing through its center,
wherein the base member is fixed in parallel to the stick member;

a circular rotatory plate having an insertion axis inserted into the through hole
of the base member at its center one side, wherein the circular rotatory plate rotates
on the base member;

10 a resilient member provided on the insertion axis, for adhering the rotatory
plate to the base member with a given resilient force;

a bolt member screwed to the end of the insertion axis in an axis direction, for
supporting the resilient member; and

an inclination measurement sphere provided at one side of the rotatory plate,
15 wherein the inclination measurement sphere has one side of a flat or semi-spherical
shape and the other side of a large radius of curvature being almost flat, and wherein
scales of a given distance are indicated on an outer circumferential surface of the
inclination measurement sphere.

20 2. The level as claimed in claim 1, wherein one side of the base member is
formed centering on the through hole, and further comprising:

a circular adhesion groove having the inner circumferential surface that is
inclined;

teeth grooves formed on the inner circumferential surface of the adhesion groove, wherein the teeth grooves have cross sections of a "V" shape and 36 in number with them spaced 10°; and

a plurality of hanging protrusions formed with slant on the outer circumferential surface of the rotatory plate so that the rotatory plate is inserted/adhered to the adhesion groove, wherein the hanging protrusions are inserted into the teeth grooves on the outer circumferential surface of the rotatory plate.

3. The level as claimed in claim 1, further comprising an indicator for identifying the location of the teeth grooves and the hanging protrusions, on the outer circumferential surface of the close adhesion groove and the rotatory plate.